Appendix C: Error Messages

In the list of error code definitions below, the comment is the error message that is provided for the error code. The "^n"s (^0, ^1, etc.) in the comments show where the inserts would go. ^0 is the first insert, ^1 the second, and so on.

`GenericMessage`

^0

`BadTocSize`

TOC index table size out of range (^0 <= range <= ^1)

`NoSession`

Unable to allocate session (task) global data

`NoHandler`

Cannot allocate space for handler for type \"^0\"

`BadWriteUse`

Cannot do a CMOpenNewContainer(...^0...) with useFlags set for update-in-place

`NoContainer`

Cannot allocate CCB space for type \"^0\"

`UndefMetaHandler`

Metahandler was not defined for type \"^0\"

`HandlerError`

Allocation problem while looking up handler for type \"^0\"

`NullMetaPtr`

Null metahandler pointer for type \"^0\"

`UndefRoutine`

Handler routine(s) missing for operation type(s): ^0

`NoTOC`

Cannot allocate TOC for container \"^0\"

`BadReadUse`

Cannot do a CMOpenContainer(...\"^0\"...) with useFlags set for ^1

`BadMagicBytes`

Invalid magic byte sequence in label for container \"^0\" - expected \"^1\", got \"^2\"

`BadVersion`

Invalid version fields in label for container \"^0\" - expected ^2.^3, got ^4.^5

`BadTOCRead`

Incorrect byte length read while reading TOC for container \"^0\"

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`NoObjEntry`
Cannot allocate space for TOC object entry for container \"^0\"

`MultDef`
Multiple definition for TOC object ^0 for container \"^1\"

`NoPropEntry`
Cannot allocate space for TOC property entry for container \"^0\"

`BadContinue`
Invalid continued value (inconsistent types) in container \"^0\"

`NoValueEntry`
Cannot allocate space for TOC value entry for container \"^0\"

`BadOffset`
Invalid offset or value (^0, ^1) for TOC value entry for container \"^2\"

`UndefObjects`
There is (are) ^0 undefined object(s) in container \"^1\"

`NoStrValue`
Cannot allocate space for constant value in container \"^0\"

`DupBaseType`
Cannot add dup base type \"^0\" to type \"^1\" in container \"^2\"

`BadTOCWrite`
Incorrect byte length written while writing TOC for \"^0\"

`NotGlobalName`
Have global name tied to value of wrong type in containter \"^0\"

`BadGNameWrite`
Incorrect byte length written while writing global name \"^0\" in container \"^1\"

`DupGlobalName`
Duplicate global name definition for \"^0\" in container \"^1\"

`MultGlblNames`
Object ^0 alread defined -- trying to redefine it for \"^1\" (container \"^2\")

`NoGlobalName`
Cannot allocate space for global name \"^0\" in container \"^1\"

`NoGNameLoad`
Cannot allocate space for global name during load in container \"^0\"

`BadGNameRead`
Incorrect byte length read while reading global name in container \"^0\"

`NotGName`

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Invalid global name string read in container \"^0\"

`BadType`
Invalid ^0 type passed to ^1 for container \"^2\"

`2Containers`
Objects not in same containers (containers \"^0\" and \"^1\")

`3Containers`
Objects not in same containers (containers \"^0\", \"^1\", and \"^2\")

`MissingMinIDSeed`
Min ID seed value missing in TOC object 1 in container \"^0\"

`MissingTOCObj`
TOC object ID 1 missing in TOC in container \"^0\"

`NotConverting`
Cannot use CMDefineValueData except for converting container \"^0\"

`BadDefineData`
Attempt to define offset (^0) out of range in container \"^1\"

`BadValue`
Attempt to use a deleted value in container \"^0\"

`BadObject`
Attempt to use a deleted object in container \"^0\"

`BadContainer`
Container for ^0 (\"^1\") does not belong to the container being used (\"^2\")

`NoValue`
No value defined for object ID ^0, property \"^1\" in container \"^2\"

`HasValue`
Cannot set a (sub)value to an already defined value (container \"^0\")

`AlreadyReleased`
Attempting to release a value already completely released in container \"^0\"

`NotReleased`
A dynamic value has not been fully released in container \"^0\"

`MissingFreeTotal`
Total free space value missing in TOC object 1 in container \"^0\"

`DupType`
Attempt to insert two values with the same type (^0) in container \"^1\"

`HasNoValue`
No value defined for CMReadValueData in container \"^0\"

`BadWrite`
Write error writing to container \"^0\"

`CantWriteGlbl`
Cannot write to a global name in container \"^0\"

`Offset2Big`
Write/insert offset (^0) beyond end of a value in container \"^1\"

`Internal1`
Internal error! Unknown flags setting (0x^0)

`MissingIDSeed`
ID seed value missing in TOC object 1 in container \"^0\"

`AmbiguousType`
^0 object is ambiguous in container \"^1\"

`TypeNotGlobal`
^0 object is not for a global name in container \"^1\"

`MissingFreeList`
Internal error - empty free list for property in container \"^0\"

`NoNewValueHandler`
A \"new value\" handler is not defined for type \"^0\"

`UndefReference`
Object ID ^0 from a reference is undefined in container \"^1\"

`BadObjectKind`
Invalid kind of object -- expected ^0 in container \"^1\"

`WriteIllegal1`
Cannot write to a container (\"^0\") opened for reading

`WriteIllegal2`
Attempt to write to a protected object in container \"^0\"

`ReadIllegal`
Cannot read from a container (\"^0\") opened for writing

`MissingSize`
Size value missing in TOC object 1 in container \"^0\"

`BadSize`
Inconsistent size values between container label and TOC (container \"^0\")

`Internal2`
Internal error! TOC offset to offset/size value not found in container \"^0\"

`CantDelete1`

Attempt to delete to a protected object in container \"^0\"

`CantDelete2`
Attempt to delete to a property with a protected value in container \"^0\"

`CantDelete3`
Attempt to delete to a protected value in container \"^0\"

`StillOpen`
Container \"^0\" is still open at session close time

`EmptyRead`
Cannot read from an empty embedded container value (container \"^0\")

`NoEmbedding`
Cannot allocate space to save embedding status while opening container \"^0\"

`BadGenNbr`
Invalid generation number (^0) passed to ^1 (container \"^2\")

`NoRef`
Connot allocate space for an object reference in container \"^0\")

`CantGetBase`
CMGetBaseValue() may only be called from a dynamic value handler in container \"^0\"

`MultTypeProp`
Attempt to register a ^0 name (^1) in container \"^2\" -- already defined as a ^3

`NotSameMode`
Embedded container (\"^0\") must be opened in same mode as its parent (\"^1\")

`CantDelete4`
Cannot delete a value currently in use in container \"^0\"

`MissingHandler`
Memory allocator and dealocator handlers must be supplied

`NoMissingBuffer`
Unable to allocate private temporary buffer while opening type \"^0\"

`MoveIllegal`
Cannot move a value in a container (\"^0\") not opened for writing

`DeleteIllegal`
Attempt to delete ^0 in a container (\"^1\") not opened for writing

`BadDefineType`
Attempt to define additional data for a immediate value in container \"^0\"

`NoExtensions`

Cannot allocate space for TOC dynamic value entry for type \"^0\" in container \"^1\"

`HandlerRecursed`
Attempt to use dynamic value handler for ^0() recursively in container \"^1\"

`BadRealValue`
Invalid base (\"real\") value passed to ^0() in container \"^1\"

`NoMetahandler`
A value operations metahandler is not defined for type \"^0\" in container \"^1\"

`NotDynValue`
A \"use value\" metahandler did not create a dynamic value in container \"^0\"

`NoGlobalTable`
Cannot allocate globally unique name table for container \"^0\"

`BadMetaSpec`
Invalid metadata format specification (%^0) for type \"^1\" in container \"^2\"

`NoDeletesList`
Internal error - empty \"deletes\" list for property in container \"^0\"

`NoDataPacket`
Cannot allocate space for data packet for type \"^0\" in container \"^1\"

`BaseRelAttempted`
A dynamic value release handler attempted to release its base in container \"^0\"

`NoDynMetahandler`
\"Use value\" handler for type \"^0\" in container \"^1\" MUST return a metahandler

`MissingTotalSize`
Total container size value missing in TOC object 1 in container \"^0\"

`Internal3`
Internal error! TOC offset to container value not found in container \"^0\"

`AmbiguousUseFlags`
Ambiguous updating useFlags passed to CMOpenNewContainer (...\"^0\"...) - ^1

`NoTypeHandler`
Dynamic value type handler not defined for updating in container \"^0\"

`NotDynamicValue`
Dynamic value in container \"^0\" not created to access target for updating

`NoMetaDataHandler`
A \"metadata\" handler is not defined for type \"^0\"

`NoDataBuffer`
Cannot allocate space for data I/O buffer in container \"^0\"

`BadUpdateRead`
Incorrect byte length read while reading updates in container \"^0\"

`BadUpdateWrite`
Write error while writing updates in container \"^0\"

`Internal4`
Internal error! End-of-updates signal not detected in container \"^0\"

`Internal5`
Internal error! TOC offset to updates TOC subsection not found in container \"^0\"

`NoNewValuesTOC`
\"New values\" TOC offset/size missing in TOC object 1 in container \"^0\"

`wrappedIDs`
Too many objects in container \"^0\" or next user object ID > 0xFFFFFFFF

`NoTouchedEntry`
Cannot allocate space for recording updating operation in container \"^0\"

`NoUpdateObject`
Container \"^0\" updating -- cannot find object ID ^1 to be ^2

`NoUpdateProperty`
Container \"^0\" updating -- cannot find a property ID ^1 in object ID ^2 to be ^3

`BadUpdateControl`
Container \"^0\" updating -- unknown control byte read (0x^1, during ^2)

`NoUpdateType`
Container \"^0\" updating -- cannot find value (type ID ^1) in object ^2, property ^3

`UndefUpdateObject`
Container \"^0\" updating -- cannot find ^1 (ID ^2) to use in ^3

`UpdateBadGenNbr`
Container \"^0\" updating -- invalid generation number (^1)

`BadInsertData`
Container \"^0\" updating -- bad updating info (0 segment insert encountered)

`BadInsertOffset`
Container \"^0\" updating -- insert offset (^1) beyond end of a value

`CantRepImmediate`
Container \"^0\" updating -- attempt to replace non-immediate with immediate

`CantRepBaseType`

Container \"^0\" updating -- attempt to replace non-base type value with a base type

`CantReference`
Value and referenced object not in the same containers (containers \"^0\" and \"^1\")

`CM_err_GlobalNameError`
Allocation problem while looking up global name \"^0\" in container \"^1\"

`CM_err_FlushErr`
Error detected in flushing output while closing container ^0

`CM_err_CantDelete5`
Cannot delete an object with unreleased dynamic values in use in container \"^0\

`CM_err_NoTOCBuffer`
Cannot allocate space for TOC I/O buffer in container \"^0\"

`CM_err_BadTOCCode`
Invalid TOC code read (0x^0) from TOC in container \"^1\"

`CM_err_TOCoutOfSync`
TOC reading out-of-sync (trying to read across buffer boundary) in container \"^0\"

`CM_err_TOCParseErr1`
TOC parse error - expected object ID, got 0x^0 in container \"^1\"

`CM_err_TOCParseErr2`
TOC "parse" error - got 0x^0 at an unexpected time in container \"^1\"

`CM_err_Unsupported1`
8-byte offset in container "^0" are not supported in this implementation

`CM_err_CantDelete6`
Cannot delete an object currently in use in container \"^1\"

`CM_err_AlreadyReleased2`
Attempting to release an object already completely released in container \"^0\"

`CM_err_BadRefRead`
Read error while reading references in container ^0

`CM_err_Internal6`
Internal error! Missing reference property or value in container \"^0\"

`CM_err_ZeroRefKey`
Attempt to use a CMReference key of 0 in container \"^0\"

`CM_err_NoRefShadowList`
Cannot allocate space to record reference in container \"^0\"

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